

REMARKS BEST AVAILABLE COPY

1. Rejection of claims 1, 20 under 35 U.S.C 102(b) and claims 12, 29 under 35
5 U.S.C 103(a):

Claims 1, 12, 20, 29 are amended according to Page 6, Line 28 of the pending application. No new matter is introduced.

- 10 Forthcoming arguments will show that independent claims 1, 12, 20 and 29, due to the manner in which they were modified or introduced in the current Office action are not anticipated by the prior art, and hence should be made allowable.

The currently amended claim 1 is repeated as follows:

- 15 1. A method for controlling an operating temperature of a computer system, the method comprising:
monitoring a rotational speed of at least a cooling fan of the computer system,
the rotational speed of the cooling fan being controlled by a fan power;
monitoring a vital temperature of the computer system;
20 calculating a change in the vital temperature; and
setting the fan power based on the calculated change in the vital temperature;
wherein when the change in the vital temperature is negative, the fan power is reduced to reduce the fan rotational speed; and when the change in the vital temperature is positive, the fan power is increased to
25 increase the fan rotational speed.

- It is clear that the method of the currently amended claim 1 comprises calculating a change in the vital temperature, and setting the fan power based on the calculated change in the vital temperature. That means the fan power is determined according to
30 the difference of two different measurements of the vital temperature. In doing so, calculation of the change in the vital temperature is necessary to implement this method.

However, Suzuki et al. fail to teach or suggest "setting the fan power based on the calculated change in the vital temperature". Referring to Suzuki et al.'s Figs.7, 8A, 8B and col.9, line 52 – col.10, line 35, the fan power for cooling the CPU is
5 determined by temperature levels detected by the temperature sensor A, not by the magnitude change of the CPU temperature. The fan power for cooling the HDD is determined by temperature levels detected by the temperature sensor B, not by the magnitude change of the HDD temperature. The fan power for cooling the PC card is determined by temperature levels detected by the temperature sensor C, not by the
10 magnitude change of the PC card ambient temperature.

Further, Suzuki et al. fail to teach or suggest "calculating a change in the vital temperature" as shown in the currently amended claim 1 of the pending application because Suzuki et al.'s fan speeds are not determined by "the calculated change in the
15 vital temperature". Therefore, it has no need for such calculation. Therefore, Suzuki et al. fail to anticipate the currently amended claim 1.

The currently amended claims 12, 20, 29 differ from Suzuki et al.'s in the same aspect as the currently amended claim 1. Therefore, Suzuki et al. fail to anticipate the
20 currently amended claim 20. Further, Hussain et al. also fail to teach or suggest "calculating a change in the vital temperature" and "setting the fan power based on the calculated change in the vital temperature" as shown in the currently amended claims 12 and 29. Therefore, the currently amended claims 12 and 29 should be patentable over Suzuki et al. in view of Hussain et al. Consideration of the currently amended
25 claims 1, 12, 20, 29 is politely requested.

2. Rejection of claims 2, 3, 10, 11, 21, 22, 27, 28 under 35 U.S.C 102(b) and claims 6-9, 13-19, 25, 26, 29-34 under 35 U.S.C 103(a), and Objection of claims 4, 5, 23, 24:
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Claims 2-11 are dependent on the currently amended claim 1, Claims 13-19 are dependent on the currently amended claim 12, Claims 21-28 are dependent on the

currently amended claim 20, Claims 30-34 are dependent on the currently amended claim 29. Claims 2-11, 13-19, 21-28, and 30-34 should be allowable if the currently amended claims 1, 12, 20, 29 are allowable. Reconsideration of claims 2-11, 13-19, 21-28, and 30-34 is politely requested.

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3. Introduction of the new claims 35-38:

The new claim 35 is introduced by combining the allowable claim 4 into claim 1.

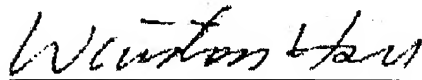
The new claim 37 is introduced by combining the allowable claim 23 into claim 20.

10 The new claims 36 and 38 are identical to the original allowable claims 5 and 24 respectively. No new matter is introduced. Since the new claims 35-38 contain only the original allowable subject matter, the new claims 35-38 should be allowable. Allowance of the new claims 35-38 is hereby requested.

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Sincerely,

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